504855126 04/05/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CYRIL CHEMPARATHY	04/05/2018
MRINAL J. SARMAH	03/09/2018
HYUN W. KWON	03/02/2018
MAURICE PENNERS	03/08/2018

RECEIVING PARTY DATA

Name:	XILINX, INC.
Street Address:	2100 LOGIC DRIVE
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95124

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15946300

CORRESPONDENCE DATA

Fax Number: (408)371-4613

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 408-879-5216
Email: xilinxipl@xilinx.com

Correspondent Name: XILINX, INC.

Address Line 1: 2100 LOGIC DRIVE Address Line 2: ATTN: LEGAL DEPT.

Address Line 4: SAN JOSE, CALIFORNIA 95124

ATTORNEY DOCKET NUMBER:	X-5334 US
NAME OF SUBMITTER:	SUSAN WIENS
SIGNATURE:	/susan wiens/
DATE SIGNED:	04/05/2018

Total Attachments: 4

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PATENT 504855126 REEL: 045449 FRAME: 0973

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> PATENT REEL: 045449 FRAME: 0974

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I/we

Cyril Chemparathy	_of	2869 S. Bascom Avenue, Unit 507, Campbell, CA 95008
Mrinal J. Sarmah	of	385 Vista Roma Way #302, San Jose, CA 95136
Hyun W. Kwon	of	2288 Stratford Drive, San Jose, CA 95125
Maurice Penners	of	288 Crows Nest Drive, Boulder Creek, CA 95006

hereby sell, assign and transfer to Xilinx, Inc., a Delaware corporation, having a place of business at 2100 Logic Drive, San Jose, California 95124, its successors and assigns, the entire right, title and interest throughout the world in my/our invention

SYNCHRONIZING ACCESS TO BUFFERED DATA IN A SHARED BUFFER

for which I/we will execute a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I/we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me/us; I/we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at its request and expense, in obtaining and enforcing patents for said invention in all countries; and I/we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the abovenamed assignee, its successors and assigns.

Executed on 45/1018 [Vil Chemparathy]
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of <u>California</u>) CAPACITY CLAIMED BY SIGNER (X) individual signing for County of Santa Clara) oneself

On April 5, 2018, before me, Susan Wiens, Notary Public, personally appeared Cyril Chemparathy, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public



PATENT REEL: 045449 FRAME: 0975

Executed on 3	9/2018	
((M.J. Same.
•		Mrinal J. Sarmah

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State of <u>California</u>

County of Santa Clara)

CAPACITY CLAIMED BY SIGNER
(X) individual signing for oneself

On March 9, 2018, before me, Susan Wiens, Notary Public, personally appeared Mrinal J. Sarmah, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public

SUSAN WIENS
Notary Public – California
Santa Clara County
Commission # 2216322
My Comm. Expires Oct 27, 2021

Executed on <u>9/2/20(8</u>

Hyun W. Kwon

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State of <u>California</u>

CAPACITY CLAIMED BY SIGNER
(X) individual signing for oneself

County of Santa Clara)

On Murch 2, 2018, before me, Katherine G. Stofer, Notary Public, personally appeared Hyun W. Kwon, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public

KATHERINE G. STOFER
Commission # 2111248
Notary Public - California
Santa Clara County
My Comm. Expires Jun 2, 2019

3/8/2018 Executed on

Maurice Penners

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document,

State of California

County of Santa Clara)

CAPACITY CLAIMED BY SIGNER

(X) individual signing for oneself

On March 8, 2018, before me, Susan Wiens, Notary Public, personally appeared Maurice Penners, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

SUSAN WIENS Notary Public - California Santa Clara County Commission # 2216322 My Comm. Expires Oct 27, 2021

> **PATENT REEL: 045449 FRAME: 0978**

RECORDED: 04/05/2018